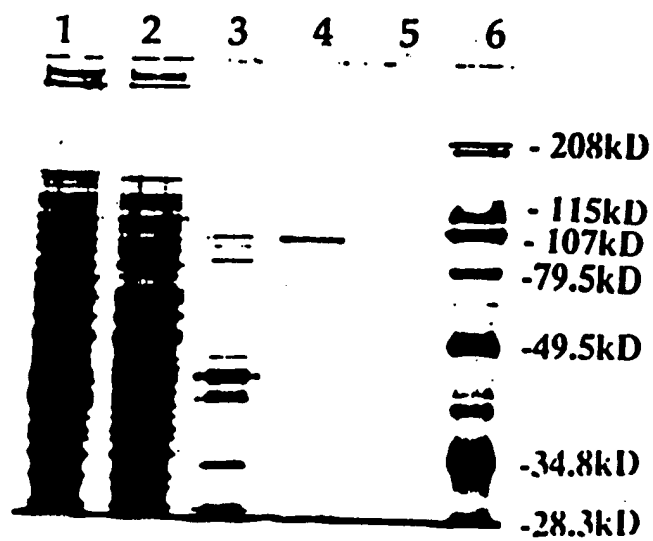


FIG. 1



**FIG. 2**

09225426-010599

BK  
(1)

FIG. 3A

Cofactors

Cit1,Cit9-BK  
(4)

10

20

30 (min)

Retention Time

Cit1-BK  
(2)

FIG. 3B

Cofactors

Cit1,Cit9-BK  
(4)

10

20

30 (min)

Retention Time

09225436.010599

Lineweaver-Burk plot showing the effect of 1,10-phenanthroline on the inhibition of cholinesterase by organophosphorus compounds. The y-axis is  $1/v$  (1/noml/min/mg) and the x-axis is  $1/S$  (1/ $\mu$ M). Five lines are shown, representing different concentrations of 1,10-phenanthroline: 0.0  $\mu$ M (open triangles), 0.05  $\mu$ M (open squares), 0.1  $\mu$ M (filled squares), 0.2  $\mu$ M (open circles), and 0.4  $\mu$ M (filled circles). The lines intersect at a common point on the negative x-axis, indicating non-competitive inhibition.

FIG. 4

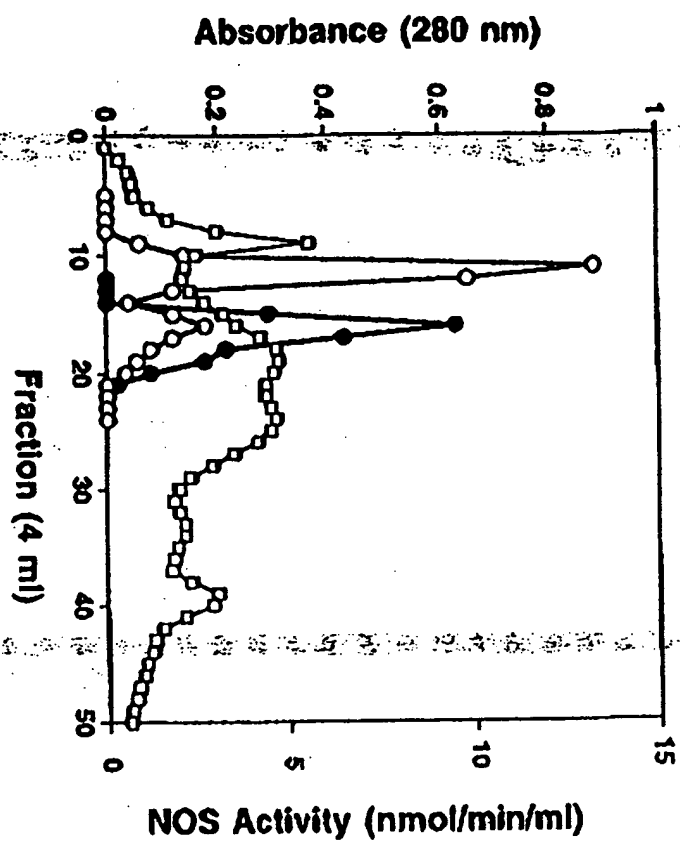


FIG. 5

09225426-010599

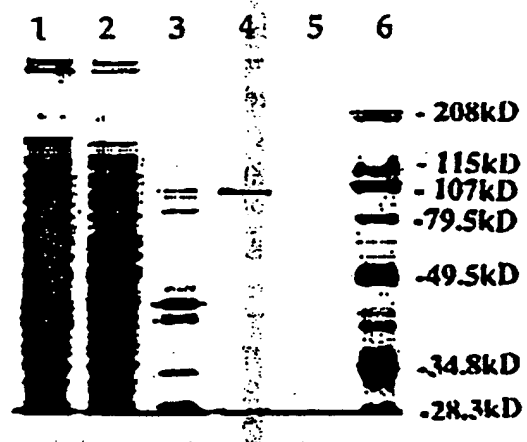


FIG. 6

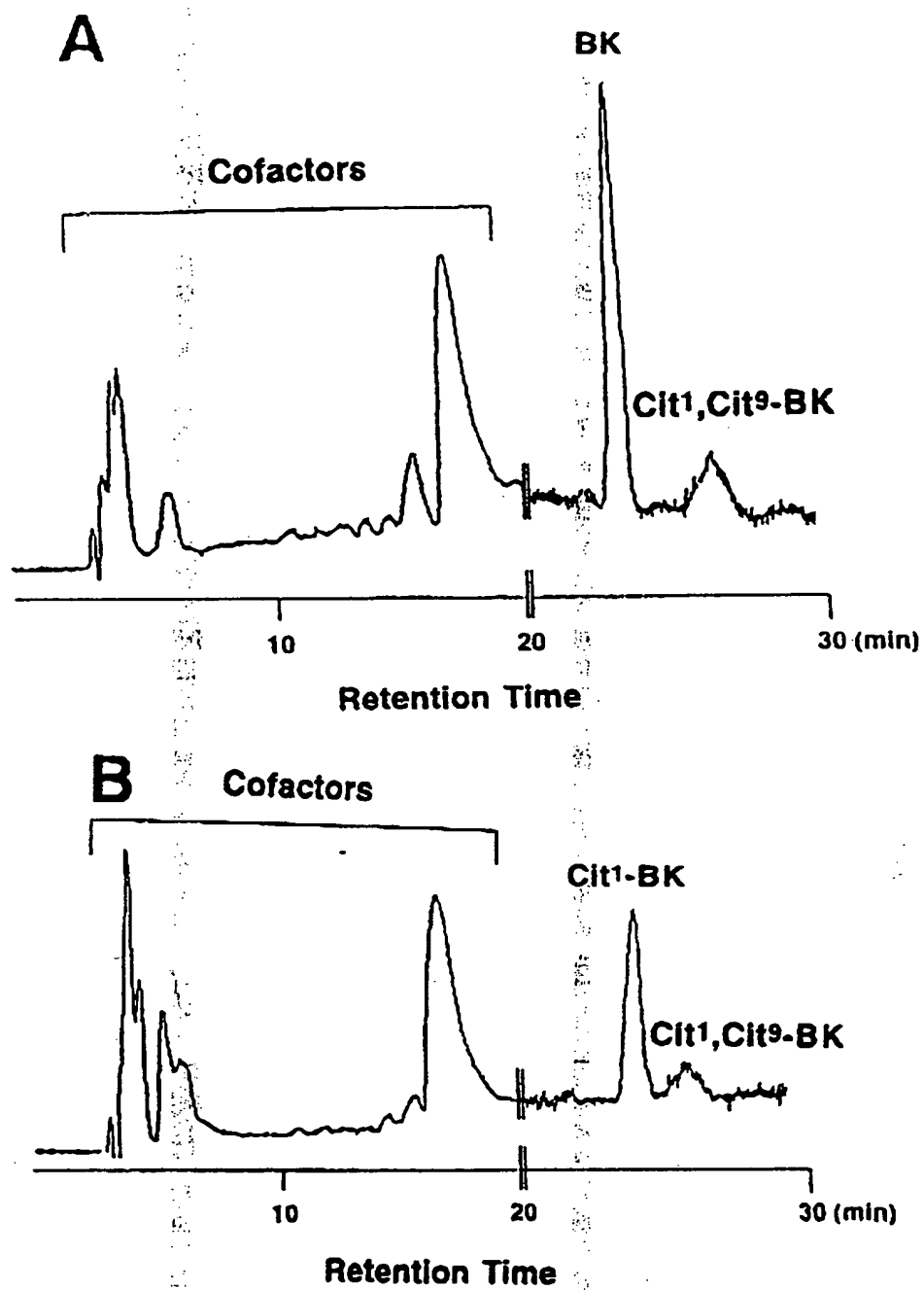


FIG. 7

0923426-01059

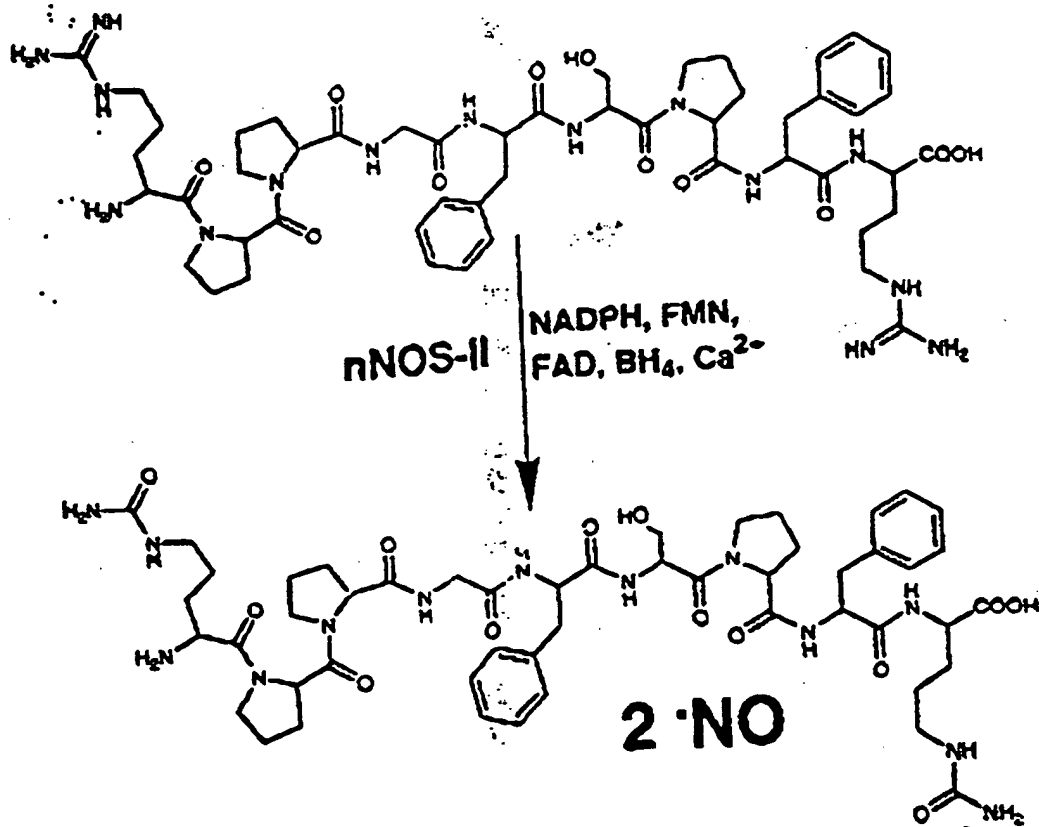


FIG. 8